Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 12 Mar 2022 until 23:59 on Sunday 13 Mar 2022

Forecast Issued on Friday 11 Mar 2022 at 12:02

Confidence: Medium

Headline for Saturday 12 Mar 2022: Early rain, then mainly dry and bright. Chilly winds.

Mountain weather hazards on Saturday 12 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Sleet	Light rain	Cloudy	Sunny intervals	Partly cloudy (night)	Dull
Precipitation probability							
70%	70%	60%	50%	30%	10%	10%	40%

Forecast for Saturday 12 Mar 2022

Weather: Cloudy with outbreaks of rain overnight and early morning, heavy at times with a small risk of thunderstorms and occasionally wintry over the summits. The rain turning more showery during the morning with drier and bright spells by midday, then mainly dry in the afternoon with sunny spells. Showers and strengthening winds in the evening, wintry over the summits.

Chance of cloud-free hill tops above 800m: 30% or less overnight and early morning, rising 90% in the afternoon, but 50% late evening.

Low cloud and visibility: Extensive cloud, base 600 to 900m, lifting and clearing in the afternoon. Occasional or extensive cloud, base around 900m later in the evening. Visibility moderate or poor in rain and very poor in summit cloud and snow. However, mainly very good in the afternoon.

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Mountain Weather Forecast

Forecast for Saturday 12 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/30 S	23/33 S	22/32 S	18/28 S	24/37 S	22/34 S	26/36 SE	35/52 SE	33/51 SE
600	19/29 S	20/31 S	18/29 S	15/25 S	21/35 S	19/32 S	20/32 SE	28/46 SE	27/46 SE
300	10/23 S	12/26 S	11/25 S	9/22 S	14/31 S	13/28 S	10/26 SE	17/40 SE	18/41 SE
Valley	10/19 S	11/21 S	13/22 S	12/21 S	15/27 S	16/28 S	8/18 SE	15/29 SE	20/36 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	1/-5	1/-5	1/-6	1/-6	1/-5	1/-5	1/-7	1/-7
600	4/-2	3/-2	3/-2	2/-3	3/-3	4/-2	4/-2	3/-3	3/-4
300	6/2	5/2	5/1	4/1	6/1	6/2	6/2	6/1	5/0
Valley	8/5	7/4	7/4	7/4	8/4	9/5	8/6	8/5	8/4
Freezing Level*	1200m	1200m	1100m	1100m	1000m	1000m	1100m	1000m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Still windy and chilly over the summits. Note gales developing in the evening.

Forecast for Sunday 13 Mar 2022

Weather: Cloudy overnight with outbreaks of rain, wintry over the summits. Bright during daylight hours with sunny spells and a scattering of showers, these possibly wintry over the summits. Feeling cold in the strong to gale force southeast winds. Mainly dry in the evening with patchy cloud cover.

Maximum wind: Southeast 30 to 40mph gusting 60mph, easing later in the day.

Chance of cloud-free hill tops above 800m: 80% during daylight hours, 40% overnight.

Low cloud and visibility: Occasional or extensive cloud, mainly above the summits, but lowering 600 to 900m in rain or showers. Visibility mainly good or very good, but moderate or poor in rain or showers.

Temperature: **Valleys:** Plus 5 Celsius rising to 11 Celsius
At 800m: Plus 2 to 4 Celsius
Freezing level: Near or above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 11 March. Location: Helvellyn summit at 1033. Temperature plus 2.2 degC. Maximum wind speed 35.4mph. Wind chill minus 4.5 degC. Average wind speed: 23.7mph.
Full report: A dry and bright morning with rain setting in during the afternoon and fresh to strong winds over high and exposed ground. The majority of the lakeland fells are now snow-free up to and including the highest tops, however, snow is still present on steep north and east-facing scarp slopes, generally above 850m. In these locations, névé (old refrozen snow) is quite resistant to thawing conditions, however, given that overnight temperatures are still frequently subzero, it often remains hard and icy well into the daylight hours. Striding and Swirral edges can be done almost entirely on rock, however, both have steep banks of hard snow guarding their exits. A fall in these locations if not quickly stopped could have serious consequences and as such, an ice axe and crampons/microspikes are strongly recommended for anyone attempting these or similar routes in the area. Additionally, small cornices may also be present around corrie rims in some areas and should be given a wide berth. Despite summit temperatures being above freezing in the last few days, windchill (feels-like) temperatures remain generally in the minus figures. Full winter clothing (warm and waterproof), including hats and gloves, and equipment including a map, compass, and headtorch are all essential items for anyone venturing into the fells. Have a great weekend!

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Issued at: 1202 on Fri 11 Mar 2022

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